

L Number	Hits	Search Text	DB	Time stamp
1	53	"0022974"	DERWENT	2004/01/26 10:55
2	0	"0022974" and may\$.in.	DERWENT	2004/01/26 10:54
3	1105112	CELL FREE ASSAY FOR PLANT GENE TARGETING AND CONVERSION	DERWENT	2004/01/26 10:55
4	1	CELL.ti. adj FREE.ti. adj ASSAY.ti. adj5 GENE.ti.	DERWENT	2004/01/26 11:51
5	13	recombination same repair same (nucleic or DNA or gene) same cell near2 free	USPAT; US-PGPUB	2004/01/26 11:53
6	191	recombination same repair same (nucleic or DNA or gene) same vitro	USPAT; US-PGPUB	2004/01/26 11:55
7	91	recombination same repair same (nucleic or DNA or gene) same vitro	USPAT	2004/01/26 11:54
8	8	(recombination same repair same (nucleic or DNA or gene) same vitro) same plant	USPAT	2004/01/26 11:54
9	11	(recombination same repair same (nucleic or DNA or gene) same vitro) same plant	USPAT; US-PGPUB	2004/01/26 11:55
10	3	((recombination same repair same (nucleic or DNA or gene) same vitro) same plant) not ((recombination same repair same (nucleic or DNA or gene) same vitro) same plant)	USPAT; US-PGPUB	2004/01/26 11:55

=> d his

(FILE 'HOME' ENTERED AT 11:56:30 ON 26 JAN 2004)

FILE 'MEDLINE, BIOSIS, CAPLUS, AGRICOLA' ENTERED AT 12:01:00 ON 26 JAN 2004

L1 41 S RECOMBINA? AND REPAIR AND (VITRO OR CELL (3A)FREE) AND PLANT
L2 28 DUP REM L1 (13 DUPLICATES REMOVED)

FILE 'STNGUIDE' ENTERED AT 12:02:47 ON 26 JAN 2004

FILE 'MEDLINE, BIOSIS, CAPLUS, AGRICOLA' ENTERED AT 12:03:18 ON 26 JAN 2004

FILE 'STNGUIDE' ENTERED AT 12:03:18 ON 26 JAN 2004

=> file medline biosis caplus agricola

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.06	23.20

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-0.69

FILE 'MEDLINE' ENTERED AT 12:03:50 ON 26 JAN 2004

FILE 'BIOSIS' ENTERED AT 12:03:50 ON 26 JAN 2004
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FILE 'CAPLUS' ENTERED AT 12:03:50 ON 26 JAN 2004
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FILE 'AGRICOLA' ENTERED AT 12:03:50 ON 26 JAN 2004

=> s recombina? and repair and (vitro or cell (3a)free)

L3 2629 RECOMBINA? AND REPAIR AND (VITRO OR CELL (3A) FREE)

=> s l3 and (mammal? or eukaryot?)

L4 857 L3 AND (MAMMAL? OR EUKARYOT?)

=> s l4 and mismatch (3a) repair

L5 62 L4 AND MISMATCH (3A) REPAIR

=> dup rem l5

PROCESSING COMPLETED FOR L5

L6 42 DUP REM L5 (20 DUPLICATES REMOVED)

=> s l3 and oligonucleotide#

L7 157 L3 AND OLIGONUCLEOTIDE#

=> s l7 and mismatch

L8 28 L7 AND MISMATCH

=> dup rem l8

PROCESSING COMPLETED FOR L8

L9 19 DUP REM L8 (9 DUPLICATES REMOVED)

=> d 1-19 ti

L9 ANSWER 1 OF 19 MEDLINE on STN

DUPLICATE 1

TI Stimulation of D-loop formation by polypurine/polypyrimidine sequences.

L9 ANSWER 2 OF 19 MEDLINE on STN

TI DNA pairing is an important step in the process of targeted nucleotide exchange.

L9 ANSWER 3 OF 19 CAPLUS COPYRIGHT 2004 ACS on STN

TI **Cell-free** assay and in vivo method for plant **oligonucleotide**-directed gene **repair** using chloroplast lysate

L9 ANSWER 4 OF 19 CAPLUS COPYRIGHT 2004 ACS on STN

TI **Cell-free** assay and in vivo method for plant **oligonucleotide**-directed gene **repair** using chloroplast lysate

L9 ANSWER 5 OF 19 MEDLINE on STN

TI Mutations within the hMLH1 and hPMS2 subunits of the human MutLalpha **mismatch repair** factor affect its ATPase activity, but not its ability to interact with hMutSalphalpha.

L9 ANSWER 6 OF 19 CAPLUS COPYRIGHT 2004 ACS on STN

TI **Cell-free** assay for plant gene targeting and conversion

L9 ANSWER 7 OF 19 MEDLINE on STN

TI Stimulation of human endonuclease III by Y box-binding protein 1 (DNA-binding protein B). Interaction between a base excision **repair** enzyme and a transcription factor.

L9 ANSWER 8 OF 19 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN

TI Mitochondria isolated from liver contain the essential factors required for RNA/DNA **oligonucleotide**-targeted gene **repair**.

L9 ANSWER 9 OF 19 MEDLINE on STN DUPLICATE 2

TI **Repair** of O(6)-methylguanine is not affected by thymine base pairing and the presence of MMR proteins.

L9 ANSWER 10 OF 19 MEDLINE on STN

TI Interaction of the E. coli DNA G:T-**mismatch** endonuclease (vsr protein) with **oligonucleotides** containing its target sequence.

L9 ANSWER 11 OF 19 CAPLUS COPYRIGHT 2004 ACS on STN

TI Genetic **repair** of mutations in plant **cell-free** extracts directed by specific chimeric **oligonucleotides**

L9 ANSWER 12 OF 19 CAPLUS COPYRIGHT 2004 ACS on STN

TI **Cell-free** chimeraplasty and eukaryotic use of heteroduplex mutational vectors

L9 ANSWER 13 OF 19 MEDLINE on STN DUPLICATE 3

TI A sequence-specific gene correction by an RNA-DNA **oligonucleotide** in mammalian cells characterized by transfection and nuclear extract using a lacZ shuttle system.

L9 ANSWER 14 OF 19 MEDLINE on STN DUPLICATE 4

TI Targeted gene **repair** directed by the chimeric RNA/DNA **oligonucleotide** in a mammalian **cell-free** extract.

L9 ANSWER 15 OF 19 MEDLINE on STN DUPLICATE 5

TI Gene **repair** using chimeric RNA/DNA **oligonucleotides**.

L9 ANSWER 16 OF 19 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
TI hMSH2 and hMSH6 play distinct roles in **mismatch** binding and
contribute differently to the ATPase activity of hMutSalph α .

L9 ANSWER 17 OF 19 CAPLUS COPYRIGHT 2004 ACS on STN
TI Genetic manipulation in mammalian cells using an RNA/DNA chimeric
oligonucleotide

L9 ANSWER 18 OF 19 MEDLINE on STN
TI The Saccharomyces cerevisiae Msh2 protein specifically binds to duplex
oligonucleotides containing mismatched DNA base pairs and
insertions.

L9 ANSWER 19 OF 19 CAPLUS COPYRIGHT 2004 ACS on STN
TI Processing of Holliday junctions and the **repair** of mismatched
nucleotides catalyzed by enzymic systems from Saccharomyces cerevisiae